



1Fu AP  
Response Under 37 C.F.R. §1.116  
Expedited Procedure  
Group Art Unit: 2826

PATENT  
ATTORNEY DOCKET NO.: 053933-5058

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
	)	
Byoung-Chan KIM, <i>et al.</i>	)	Confirmation No.: 4365
	)	
Application No.: 10/720,484	)	Group Art Unit: 2826
	)	
Filed: November 25, 2003	)	Examiner: A. Williams
	)	
For: CENTER-BONDING PAD TYPE BGA	)	
PACKAGE HAVING SEMI-	)	
CONDUCTOR CHIP WITH EDGE-	)	<b>MAIL STOP AF</b>
BONDING METAL PATTERNS FORMED)	)	
THEREON (As Amended)	)	

Commissioner for Patents  
U.S. Patent and Trademark Office  
**Mail Stop AF**  
Alexandria, VA 22314

Sir:

**AMENDMENT TRANSMITTAL FORM**

1. Transmitted herewith is an Amendment Under 37 C.F.R. § 1.116 responding to the Final Office Action dated April 13, 2005.
2. Additional papers enclosed:
  - ☐ Drawings: ☐ Formal ☐ Informal (Correction)
  - ☐ Information Disclosure Statement
  - ☐ Form PTO-1449, \_\_\_\_\_ references included
  - ☐ Citations
  - ☐ Declaration of Biological Deposit
  - ☐ Submission of "Sequence Listing", computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.

3. Extension of Time

The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136(a) apply.

- ☒ Applicants believe that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicants have inadvertently overlooked the need for a petition and fee for extension of time.
- ☐ Applicants petition for an extension of time, the fees for which are set out in 37 C.F.R. § 1.17(a), for the total number of months checked below:

<u>Total Months Requested</u>	<u>Fee for Extension</u>	<u>[Fee for Small Entity]</u>
<input type="checkbox"/> one month	\$ 120.00	\$ 60.00
<input type="checkbox"/> two months	\$ 450.00	\$ 225.00
<input type="checkbox"/> three months	\$ 1,020.00	\$ 510.00
<input type="checkbox"/> four months	\$ 1,590.00	\$ 795.00

Extension of time fee due with this request: \$ 0.00.

If an additional extension of time is required, please consider this a Petition therefor.

- ☐ An extension for \_\_\_\_ months has already been secured and the fee paid therefor of \$\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

4. Constructive Petition

- ☒ EXCEPT for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§ 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account 50-0310. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

5. Fee Calculation (37 C.F.R. §1.16)

CLAIMS AS AMENDED						
	Claims Remaining After Amendment		Highest No. Previously Paid	Present Extra	at Rate of	Total Fees
Total Claims (37 C.F.R. §1.16(c))	15	minus	20	0	x \$50 each=	+ \$
Independent Claims (37 C.F.R. §1.16(b))	4	minus	4	0	x \$200 each=	+ \$
[ ] First presentation of Multiple dependent claim(s)					\$360.00	+ \$
SUB-TOTAL =						\$
Reduction by ½ for filing by a small entity						- \$
TOTAL FEE =						\$0.00

6. Fee Payment

- ☒ No fee is to be paid at this time.
- ☐ The Commissioner is hereby authorized to charge \$ 0.00 for the -month extension of time fee due to Deposit Account No. 50-0310.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, including fees due under 37 C.F.R. §§ 1.16 and 1.17, or credit any overpayment to Deposit Account 50-0310.

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**

Dated: July 11, 2005

By: Collin W. Park  
Collin W. Park  
Reg. No. 43,378

**CUSTOMER NO. 09629**  
**MORGAN, LEWIS & BOCKIUS LLP**  
1111 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004  
Telephone: (202) 739-3000



Response Under 37 C.F.R. §1.116  
Expedited Procedure  
Group Art Unit: 2826

PATENT  
ATTORNEY DOCKET NO.: 053933-5058

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
	)	
Byoung-Chan KIM, <i>et al.</i>	)	Confirmation No.: 4365
	)	
Application No.: 10/720,484	)	Group Art Unit: 2826
	)	
Filed: November 25, 2003	)	Examiner: A. Williams
	)	
For: CENTER-BONDING PAD TYPE BGA	)	
PACKAGE HAVING SEMI-	)	
CONDUCTOR CHIP WITH EDGE-	)	MAIL STOP AF
BONDING METAL PATTERNS FORMED)	)	
THEREON (As Amended)	)	

**MAIL STOP AF**

Commissioner for Patents  
U.S. Patent and Trademark Office  
Alexandria, VA 22314

Sir:

**AMENDMENT UNDER 37 C.F.R. § 1.116**

In response to the Final Office Action dated April 13, 2005 (Paper No. 20050410), and pursuant to 37 C.F.R. §1.116, the period for response to which extends through July 13, 2005, entry of the following amendments is respectfully requested to place the application in clear condition for allowance or, alternatively, in better form for appeal.